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					Application Number	10/759505	
OE.	INF	<b>ORMATIO</b>	N DIS	SCLOSURE	Filing Date	January 16, 2004	
A STATEMENT BY APPLICANT				PPLICANT	First Named Inventor	Guillermo C. Bazan	
					Art Unit	To be assigned	
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\	<b>36</b>	1	of	1	Attorney Docket Number	1279-400C1/10400642	
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	U.S. PATENT DOCUMENTS							
<b>5</b>	0.1-	Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant			
Examiner Initiats*)	Cite No.1	Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	of Cited Document	Passages or Relevant Figures Appear			
CAY	AA	5,189,136	02-23-1993	Wudl et al.				
M	ΆB	5,480,217	01-02-1996	Ohtsu				

1			FOREI	GN PATENT D	CUMENTS		
· e k fa	Examiner Initials*	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number Hind Code <sup>6</sup> (if known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₹
CAN	١	AC	JP-A-5-234681				П
un		AD	JP-A-63-295695				Т
1	3	AE	JP-A-4-308688				T
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	10	AL	P-A-1-245087				T
	10	AM	JP-A-2-222484 .			]	П
	12	AN	JP-A-1-256584				Т
	13	AO	JP-A-2000-21572				
d	14	AP	JP-A-11-273867				Т
1/	_(\$	AQ	JP-A-5-159882				Т
d	10	AR	JP-A-5-198380				
V	7	AS	JP-A-57-51781			·	
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ΜV	21	AW	JP-A-172751_				
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at <a href="https://www.usnto.gov">www.usnto.gov</a> or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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0.	100000000000000000000000000000000000000			Application Number	10/759505
ı	NFORMATIC	ON DISC	CLOSURE	Filing Date	January 16, 2004
STATEMENT BY APPLICANT				First Named Inventor	Guillermo C. Bazan
				Art Unit	N/A
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	U.S. PATENT DOCUMENTS									
Examiner Initiats*	Cite No.'	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					

FOREIGN PATENT DOCUMENTS										
	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant					
	No.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁰				
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	NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>						
(Ide)	CA	PCT Search report dated June 8, 2004.							
CAM	СВ	Applied Physics Letters- Volume 75, Number 24, 13 December 1999 - Efficient light-emitting iodes based on a binaphthalene-containing polymer. Jen, Alex et al.							
CHN	CC	Macromol. Chem Phys. 2002, 203, No. 1 - A Binaphthyl-Bithiophene Copolymer for LightEmitting Devices. Liu, Yungi et al.							

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11	NFORMATIO	N DI	SCLOSURE	Filing Date	January 16, 2004	
5	TATEMENT	BY A	PPLICANT	First Named Inventor	Guillermo C. Bazan	
				Art Unit	N/A	
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Sheet	1	of	1	Attorney Docket Number	LA-1279-400C1US	

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un	AA	US-US2002/0015859- A1	02/2002	Watanabe et al.						

	FOREIGN PATENT DOCUMENTS									
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an	BA	EP-EP 0797375-A2	09/1997	Motorola, Inc.						
un		JP-10255984	09/1998	Mitsubishi Chem Corp.						

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			Application Number	10/759,505
TOMATI	ON DIS	SCLOSURE	Filing Date	January 16,2004
			First Named Inventor	Guillermo C. Bazan
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			Examiner Name	Not Yet Assigned
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<u></u>			U.S. PAT	ENT DOCUMENTS	
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WIN	CA	Macromol Chem. Phys. 2002, 203, No. 1; A Binaphtyhyl-Bithiophene Copolymer for Light-	
UN	СВ	1999 American Institute of Physics; Volume 75, Number 24, December 13, 1999; Efficient light-emitting diodes based on a binaphthalene-containing polymer; Alex K-Y Jen, et al.	

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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.